

ABSTRACT OF THE DISCLOSURE

A method for transmitting a communication signal comprises transmitting a data signal over a wavelength on a single fiber strand and transmitting a radio frequency signal over another wavelength on the same single fiber strand. A system for transmitting the data signal and the radio frequency signal over wavelengths in a single fiber strand include one or more nodes in which at least one node transmits the data signal over a wavelength on the single fiber strand and transmits the radio frequency signal over another wavelength on the same single fiber strand. Another node receives the data signal and the radio frequency signal over the wavelengths on the single fiber strand. A cross connect for connecting the data signal and the radio frequency signal includes a data matrix configured to cross connect the data signal and a radio frequency matrix configured to cross connect the radio frequency signal.

JMS/1459/831139